

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A substantially purified nucleic acid molecule that encodes a plant protein ~~or fragment thereof~~ comprising a nucleic acid sequence ~~selected from the group consisting of SEQ ID NO: 41 through SEQ ID NO: 43701.~~

2. (Original) The substantially purified nucleic acid molecule of claim 1, wherein said plant protein is a rice protein.

Claims 3-9. (Cancelled)

10. (New) A substantially purified nucleic acid molecule comprising a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

11. (New) A substantially purified nucleic acid molecule consisting of a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

12. (New) A substantially purified nucleic acid molecule comprising a nucleic acid sequence having between 100% and 90% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

13. (New) The substantially purified nucleic acid molecule of claim 12, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 95% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

14. (New) The substantially purified nucleic acid molecule of claim 13, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 98% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

15. (New) The substantially purified nucleic acid molecule of claim 14, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 99% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.